

SEQUENCE LISTING

<210> 2
 <211> 76
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 2
 Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr Lys Arg Glu
 1 5 10 15
 Ala Glu Ala Glu Ala Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro
 20 25 30
 Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp His Trp Leu Gln Leu
 35 40 45
 Lys Pro Gly Gln Pro Met Tyr Lys Arg Glu Ala Asp Ala Glu Ala Trp
 50 55 60
 His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr
 65 70 75

<210> 3
 <211> 15
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 3
 aagcttaaaa gaatg 15

<210> 4
 <211> 37
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(24)

<400> 4
 aaa gaa gaa ggg gta tct ttg ctt aagctcgaga tct 37
 Lys Glu Glu Gly Val Ser Leu Leu
 1 5

<210> 5
 <211> 8
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 5
 Lys Glu Glu Gly Val Ser Leu Leu
 1 5

<210> 6
 <211> 77
 <212> DNA
 <213> Artificial Sequence

<220>

<223> FRAGMENT

<220>

<221> misc_feature

<222> 29, 30, 32, 33, 35, 36, 38, 39, 41, 42, 44, 45, 47, 48, 50,
51, 53, 54, 56, 57, 59, 60, 62, 63, 65, 66

<223> n = A,T,C or G

<400> 6

cgtgaagctt aagcgtgagg cagaagctnn knnknnknnk nnknnknnkn nknnknnknn 60
knnknnktga tcattccg 77

<210> 7

<211> 19

<212> PRT

<213> *Saccharomyces cerevisiae*

<220>

<221> VARIANT

<222> 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19

<223> Xaa = Any Amino Acid

<400> 7

Lys	Arg	Glu	Ala	Glu	Ala	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa
1				5					10						15	
Xaa	Xaa	Xaa														

<210> 8

<211> 36

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 8

Met	Gln	Pro	Ser	Thr	Ala	Thr	Ala	Ala	Pro	Lys	Glu	Lys	Thr	Ser	Ser	
1				5					10					15		
Glu	Lys	Lys	Asp	Asn	Tyr	Ile	Ile	Lys	Gly	Val	Phe	Trp	Asp	Pro	Ala	
			20					25					30			
Cys	Val	Ile	Ala													
			35													

<210> 9

<211> 19

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 9

aagcttttcga atagaaatg 19

<210> 10

<211> 36

<212> DNA

<213> Artificial Sequence

<220>
 <221> CDS
 <222> (1)...(27)
 <223> FRAGMENT

<400> 10
 gcc gct cca aaa gaa aag acc tcg agc tcgcttaag
 Ala Ala Pro Lys Glu Lys Thr Ser Ser
 1 5

36

<210> 11
 <211> 9
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 11
 Ala Ala Pro Lys Glu Lys Thr Ser Ser
 1 5

<210> 12
 <211> 79
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> misc_feature
 <222> 27, 28, 30, 31, 33, 34, 36, 37, 39, 40, 42, 43, 45, 46, 48,
 49, 51, 52, 54, 55, 57, 58
 <223> n = A,T,C or G

<400> 12
 ggtactcgag tgaaaagaag gacaacnnkn nknnknnknn knnknnknnk nnknnknnkt 60
 gtgttattgc ttaagtacg 79

<210> 13
 <211> 22
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<220>
 <221> VARIANT
 <222> 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18
 <223> Xaa = Any Amino Acid

<400> 13
 Ser Ser Glu Lys Lys Asp Asn Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 Xaa Xaa Cys Val Ile Ala
 20

<210> 14
 <211> 34
 <212> DNA
 <213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 14

gttaagaacc atatactagt atcaaaaatg tctg

34

<210> 15

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 15

tgatcaaaat ttactagttt gaaaaagtaa tttcg

35

<210> 16

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 16

ggcaaaatac tagtaaaatt ttcatgtc

28

<210> 17

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 17

ggcccttaac acactagtgt cgcattatat ttac

34

<210> 18

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 18

ctaaagaaga aggggtatct ttgcttaagc tcgagatctc gactgataac aacagtgtag 60

<210> 19

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 19

catacacaat ataaagcttt aaaagaatga g

31

<210> 20
 <211> 25
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 20
 gctacttaag cgtgaggcag aagct 25

<210> 21
 <211> 10
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 21
 cggatgatca 10

<210> 22
 <211> 41
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 22
 ccaaaataag tacaaagctt tcgaatagaa atgcaaccat c 41

<210> 23
 <211> 59
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 23
 gccgctccaa aagaaaagac ctcgagctcg cttaagttct gcgtacaaaa acgttggtc 59

<210> 24
 <211> 26
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 24
 ggtactcgag tgaaaagaag gacaac 26

<210> 25
 <211> 20
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 25

cgtacttaag caataacaca

20

<210> 26

<211> 28

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 26

cgtgaagctt aagcgtgagg cagaagct

28

<210> 27

<211> 57

<212> DNA

<213> *Saccharomyces cerevisiae*

<220>

<221> misc_feature

<222> 12, 13, 15, 16, 18, 19, 21, 22, 24, 25, 27, 28, 30, 31, 33,
34, 36, 37, 39, 40, 42, 43, 45, 46, 48, 49

<223> n = A,T,C or G

<400> 27

cggatgatca mnnmnnmnnm nnnnnnnnnm nnnnnnnnnm mnnnnnnmna gcttctg

57

<210> 28

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 28

ggtactcgag tgaaaagaag gacaac

26

<210> 29

<211> 60

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<220>

<221> misc_feature

<222> 22, 23, 25, 26, 28, 29, 31, 32, 34, 35, 37, 38, 40, 41, 43,
44, 46, 47, 49, 50, 52, 53

<223> n = A,T,C or G

<400> 29

cgtacttaag caataacaca mnnmnnmnnm nnnnnnnnnm nnnnnnnnnm mnnngttgtcc

60

<210> 30

<211> 34

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 30

gggaagctta tgccgagatc gtgctgccag ccgc

34

<210> 31

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 31

ggggaagact tctgccctgc gccgctgctg cc

32

<210> 32

<211> 36

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 32

ggggaagacc cgcaggaggc agaagcttgg ttgcag

36

<210> 33

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 33

gggagatctt cagtacattg gttggcc

27

<210> 34

<211> 32

<212> PRT

<213> Saccharomyces cerevisiae

<400> 34

Arg	Asn	Ser	Ser	Ser	Ser	Gly	Ser	Ser	Gly	Ala	Gly	Gln	Lys	Arg	Glu
1				5					10					15	
Ala	Glu	Ala	Trp	His	Trp	Leu	Gln	Leu	Lys	Pro	Gly	Gln	Pro	Met	Tyr
			20					25					30		

<210> 35

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 35

ccgcgtctca catgcccaag aagaagccg

29

<210> 36
 <211> 24
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 36
 ccgtctagat gctggcagcg tggg 24

<210> 37
 <211> 28
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> FRAGMENT

<400> 37
 ttaagcgtga ggcagaagct tatcgata 28

<210> 38
 <211> 28
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 38
 cgcactccgt cttcgaatag ctatctag 28

<210> 39
 <211> 71
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> misc_feature
 <222> 19, 20, 22, 23, 25, 26, 28, 29, 31, 32, 34, 35, 37, 38, 40,
 41, 43, 44, 46, 47, 49, 50, 52, 53
 <223> n = A,T,C or G

<400> 39
 ctggatgcga agacagctnn knnknnknnk nnknnknnkn nknnknnknn knnktgatca 60
 gtctgtgacg c 71

<210> 40
 <211> 17
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 40
 gcgtcacaga ctgatca 17

<210> 41
 <211> 56
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 41

gccgtcagta aagcttggca ttggttgag cctatgtact gatcagtctg tgacgc 56

<210> 42

<211> 39

<212> DNA

<213> *Saccharomyces cerevisiae*

<220>

<221> CDS

<222> (1)...(39)

<400> 42

tgg cat tgg ttg cag cta aaa cct ggc caa cca atg tac 39

Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr

1

5

10

<210> 43

<211> 13

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 43

Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr

1

5

10

<210> 44

<211> 20

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 44

ctggatgcga agactcagct 20

<210> 45

<211> 69

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 45

cggatgatca gtacattggt tggccagggt ttagctgcaa ccaatgccaa gctgagtctt 60

cgcatccag 69

<210> 46

<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<221> CDS

<222> (1)...(39)

<223> FRAGMENT

<400> 46

tgg cat tgg cta cag cta acg cct ggg caa cca atg tac 39

Trp His Trp Leu Gln Leu Thr Pro Gly Gln Pro Met Tyr

1

5

10

<210> 47
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 47
 Trp His Trp Leu Gln Leu Thr Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 48
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(39)

<400> 48
 tgg cat tgg ctg gag ctt atg cct ggc caa cca tta tac 39
 Trp His Trp Leu Glu Leu Met Pro Gly Gln Pro Leu Tyr
 1 5 10

<210> 49
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 49
 Trp His Trp Leu Glu Leu Met Pro Gly Gln Pro Leu Tyr
 1 5 10

<210> 50
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(39)

<400> 50
 tgg cat tgg atg gag cta aga cct ggc caa cca atg tac 39
 Trp His Trp Met Glu Leu Arg Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 51
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 51
 Trp His Trp Met Glu Leu Arg Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 52

<211> 33
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(33)

<400> 52
 tat gct ctg ttt gtt cat ttt ttt gat att ccg 33
 Tyr Ala Leu Phe Val His Phe Phe Asp Ile Pro
 1 5 10

<210> 53
 <211> 11
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 53
 Tyr Ala Leu Phe Val His Phe Phe Asp Ile Pro
 1 5 10

<210> 54
 <211> 33
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(33)

<400> 54
 ttt aag ggt cag gtg cgt ttt gtg gtt ctt gct 33
 Phe Lys Gly Gln Val Arg Phe Val Val Leu Ala
 1 5 10

<210> 55
 <211> 11
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 55
 Phe Lys Gly Gln Val Arg Phe Val Val Leu Ala
 1 5 10

<210> 56
 <211> 33
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<220>
 <221> CDS
 <222> (1)...(33)

<400> 56

ctt atg tct ccg tct ttt ttt ttt ttg cct gcg

33

Leu Met Ser Pro Ser Phe Phe Phe Leu Pro Ala

1

5

10

<210> 57

<211> 11

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 57

Leu Met Ser Pro Ser Phe Phe Phe Leu Pro Ala

1

5

10

<210> 58

<211> 27

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 58

cgggatccga tgcaattttc aacatgc

27

<210> 59

<211> 23

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 59

gctctagatg ctactgatcc cgc

23

<210> 60

<211> 18

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 60

cgccgcatga ctccattg

18

<210> 61

<211> 26

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 61

ggggtaccaa taggttcttt cttagg

26

<210> 62

<211> 35

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 62
ggtagggaggg tgctctctag aaggaagtgt tcacc 35

<210> 63
<211> 41
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 63
gcccaggaga ccagaccatg gactccttca attataccac c 41

<210> 64
<211> 42
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 64
ccccttaagc gtgaggcaga agctactctg caaaagaaga tc 42

<210> 65
<211> 29
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 65
gaagatcttc agcggccgag ttgcatgtc 29

<210> 66
<211> 38
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 66
gatatattaa ggtaggaaac catgggggtgt acagtgag 38

<210> 67
<211> 34
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 67
cgagcgctcg agggaacgta taattaaagt agtg 34

<210> 68
<211> 34
<212> DNA
<213> *Saccharomyces cerevisiae*

<400> 68

gcgcggtacc aagcttcaat tcgagataat accc

34

<210> 69

<211> 24

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 69

cccgaatcca ccaatttctt tacg

24

<210> 70

<211> 27

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 70

gcggcgtcga cgcggccgcg taacagt

27

<210> 71

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> FRAGMENT

<400> 71

ctgctggagc tccgcctgct gctgctgggt gctggag

37

<210> 72

<211> 43

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 72

ctgctggtcg acgcggccgc gggggttcct tcttagaagc agc

43

<210> 73

<211> 30

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 73

gggctcgagc cttcttagag cagctcgtag

30

<210> 74

<211> 37

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 74

ctgctggagc tcaagttgct gctggtgggt gctgggg

37

<210> 75
 <211> 44
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 75
 ctgctggtcg acgcggccgc gcccctcaga agaggccgcg gtcc 44

<210> 76
 <211> 29
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 76
 gggctcgagc ctcagaagag gccgcagtc 29

<210> 77
 <211> 37
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 77
 ctgctggagc tcaagctgct gctactcggc gctggag 37

<210> 78
 <211> 49
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 78
 ctgctggtcg acgcggccgc cactaacatc catgcttctc aataaagtc 49

<210> 79
 <211> 31
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 79
 gggctcgagc atgcttctca ataaagtcca c 31

<210> 80
 <211> 19
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 80
 gcatccatca ataattccag 19

<210> 81
 <211> 23
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<400> 81
 gaaacaatgg atccacttct tac

23

<210> 82
 <211> 66
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 82
 Met Gly Cys Thr Val Ser Thr Gln Thr Ile Gly Asp Glu Ser Asp Pro
 1 5 10 15
 Phe Leu Gln Asn Lys Arg Ala Asn Asp Val Ile Glu Gln Ser Leu Gln
 20 25 30
 Leu Glu Lys Gln Arg Asp Lys Asn Glu Ile Lys Leu Leu Leu Gly
 35 40 45
 Ala Gly Glu Ser Gly Lys Ser Thr Val Leu Lys Gln Leu Lys Leu Leu
 50 55 60
 His Gln
 65

<210> 83
 <211> 65
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 83
 Met Gly Cys Leu Gly Thr Ser Lys Thr Glu Asp Gln Arg Asn Glu Glu
 1 5 10 15
 Lys Ala Gln Arg Glu Ala Asn Lys Lys Ile Glu Lys Gln Leu Gln Lys
 20 25 30
 Asp Lys Gln Val Tyr Arg Ala Thr His Arg Leu Leu Leu Leu Gly Ala
 35 40 45
 Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Arg Ile Leu His
 50 55 60
 Val
 65

<210> 84
 <211> 58
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 84
 Met Gly Cys Thr Val Ser Ala Glu Asp Lys Ala Ala Ala Glu Arg Ser
 1 5 10 15

Lys Met Ile Asp Lys Asn Leu Arg Glu Asp Gly Glu Lys Ala Ala Arg
 20 25 30
 Glu Val Lys Leu Leu Leu Leu Gly Ala Gly Glu Ser Gly Lys Ser Thr
 35 40 45
 Ile Val Lys Gln Met Lys Ile Ile His Glu
 50 55

<210> 85

<211> 58

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 85

Met Gly Cys Thr Val Ser Ala Glu Asp Lys Ala Ala Val Glu Arg Ser
 1 5 10 15
 Lys Met Ile Asp Arg Asn Leu Arg Glu Asp Gly Glu Lys Ala Ala Lys
 20 25 30
 Glu Val Lys Leu Leu Leu Leu Gly Ala Gly Glu Ser Gly Lys Ser Thr
 35 40 45
 Ile Val Lys Gln Met Lys Ile Ile His Glu
 50 55

<210> 86

<211> 67

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 86

Met Ala Arg Ser Leu Thr Trp Arg Cys Cys Pro Trp Cys Leu Thr Glu
 1 5 10 15
 Asp Glu Lys Ala Ala Ala Arg Val Asp Gln Glu Ile Asn Arg Ile Leu
 20 25 30
 Leu Glu Gln Lys Lys Gln Asp Arg Gly Glu Leu Lys Leu Leu Leu
 35 40 45
 Gly Pro Gly Glu Ser Gly Lys Ser Thr Phe Ile Lys Gln Met Arg Ile
 50 55 60
 Ile His Gly
 65

<210> 87

<211> 66

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 87

Met Gly Cys Thr Val Ser Thr Gln Thr Ile Gly Asp Glu Ser Asp Pro
 1 5 10 15
 Phe Leu Gln Asn Lys Arg Ala Asn Asp Val Ile Glu Gln Ser Leu Gln
 20 25 30

Leu Glu Lys Gln Arg Asp Lys Asn Glu Arg Lys Leu Leu Leu Leu Gly
 35 40 45
 Ala Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Arg Ile Leu
 50 55 60
 His Val
 65

<210> 88

<211> 66

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 88

Met Gly Cys Thr Val Ser Thr Gln Thr Ile Gly Asp Glu Ser Asp Pro
 1 5 10 15
 Phe Leu Gln Asn Lys Arg Ala Asn Asp Val Ile Glu Gln Ser Leu Gln
 20 25 30
 Leu Glu Lys Gln Arg Asp Lys Asn Glu Val Lys Leu Leu Leu Gly
 35 40 45
 Ala Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Lys Ile Ile
 50 55 60
 His Glu
 65

<210> 89

<211> 66

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 89

Met Gly Cys Thr Val Ser Thr Gln Thr Ile Gly Asp Glu Ser Asp Pro
 1 5 10 15
 Phe Leu Gln Asn Lys Arg Ala Asn Asp Val Ile Glu Gln Ser Leu Gln
 20 25 30
 Leu Glu Lys Gln Arg Asp Lys Asn Glu Val Lys Leu Leu Leu Gly
 35 40 45
 Ala Gly Glu Ser Gly Lys Ser Thr Ile Val Lys Gln Met Lys Ile Ile
 50 55 60
 His Glu
 65

<210> 90

<211> 66

<212> PRT

<213> *Saccharomyces cerevisiae*

<400> 90

Met Gly Cys Thr Val Ser Thr Gln Thr Ile Gly Asp Glu Ser Asp Pro
 1 5 10 15
 Phe Leu Gln Asn Lys Arg Ala Asn Asp Val Ile Glu Gln Ser Leu Gln
 20 25 30
 Leu Glu Lys Gln Arg Asp Lys Asn Glu Leu Lys Leu Leu Leu Gly

35 40 45
 Pro Gly Glu Ser Gly Lys Ser Thr Phe Ile Lys Gln Met Arg Ile Ile
 50 55 60
 His Gly
 65

<210> 91
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 91
 tgg cat tgg ttg cag cta aaa cct ggc cag cct atg tac 39
 Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 92
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 92
 Trp His Trp Leu Gln Leu Lys Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 93
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 93
 tgg cat tgg ttg tcc ttg tcg ccc ggc cag cct atg tac 39
 Trp His Trp Leu Ser Leu Ser Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 94
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 94
 Trp His Trp Leu Ser Leu Ser Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 95
 <211> 39

<212> DNA
<213> *Saccharomyces cerevisiae*

<221> CDS
<222> (1)...(39)

<400> 95
tgg cat tgg ttg tcc ctg gac gct ggc cag cct atg tac 39
Trp His Trp Leu Ser Leu Asp Ala Gly Gln Pro Met Tyr
1 5 10

<210> 96
<211> 13
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 96
Trp His Trp Leu Ser Leu Asp Ala Gly Gln Pro Met Tyr
1 5 10

<210> 97
<211> 39
<212> DNA
<213> *Saccharomyces cerevisiae*

<221> CDS
<222> (1)...(39)

<400> 97
tgg cat tgg ttg acc ttg atg gcc ggg cag cct atg tac 39
Trp His Trp Leu Thr Leu Met Ala Gly Gln Pro Met Tyr
1 5 10

<210> 98
<211> 13
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 98
Trp His Trp Leu Thr Leu Met Ala Gly Gln Pro Met Tyr
1 5 10

<210> 99
<211> 39
<212> DNA
<213> *Saccharomyces cerevisiae*

<221> CDS
<222> (1)...(39)

<400> 99

tgg cat tgg ttg cag ctg tcg gcg ggc cag cct atg tac
 Trp His Trp Leu Gln Leu Ser Ala Gly Gln Pro Met Tyr
 1 5 10

39

<210> 100
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 100
 Trp His Trp Leu Gln Leu Ser Ala Gly Gln Pro Met Tyr
 1 5 10

<210> 101
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 101
 tgg cat tgg ttg agg ttg cag tcc ggc cag cct atg tac
 Trp His Trp Leu Arg Leu Gln Ser Gly Gln Pro Met Tyr
 1 5 10

39

<210> 102
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 102
 Trp His Trp Leu Arg Leu Gln Ser Gly Gln Pro Met Tyr
 1 5 10

<210> 103
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 103
 tgg cat tgg ttg cgc ttg tcc gcc ggg cag cct atg tac
 Trp His Trp Leu Arg Leu Ser Ala Gly Gln Pro Met Tyr
 1 5 10

39

<210> 104
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 104
 Trp His Trp Leu Arg Leu Ser Ala Gly Gln Pro Met Tyr
 1 5 10

<210> 105
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 105
 tgg cat tgg ttg tcg ctc gtc ccg ggg cag cct atg tac 39
 Trp His Trp Leu Ser Leu Val Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 106
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 106
 Trp His Trp Leu Ser Leu Val Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 107
 <211> 39
 <212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 107
 tgg cat tgg ttg tcc ctg tac ccc ggg cag cct atg tac 39
 Trp His Trp Leu Ser Leu Tyr Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 108
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 108
 Trp His Trp Leu Ser Leu Tyr Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 109
 <211> 39

<212> DNA
 <213> *Saccharomyces cerevisiae*

<221> CDS
 <222> (1)...(39)

<400> 109
 tgg cat tgg ttg cgg ctg cag ccc ggg cag cct atg tac 39
 Trp His Trp Leu Arg Leu Gln Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 110
 <211> 13
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 110
 Trp His Trp Leu Arg Leu Gln Pro Gly Gln Pro Met Tyr
 1 5 10

<210> 111
 <211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 111
 Arg Ile Asp Thr Thr Gly Ile Thr Glu Thr Glu Phe Asn Ile Gly Ser
 1 5 10 15
 Ser Lys Phe Lys Val Leu Asp Ala Gly Gly Gln Arg Ser Glu Arg Lys
 20 25 30
 Lys Trp Ile His Cys Phe Glu Gly Ile Thr Ala Val Leu Phe Val Leu
 35 40 45
 Ala Met Ser Glu Tyr Asp Gln Met Leu Phe Glu Asp Glu Arg
 50 55 60

<210> 112
 <211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 112
 Arg Val Leu Thr Ser Gly Ile Phe Glu Thr Lys Phe Gln Asn Asp Lys
 1 5 10 15
 Val Asn Phe His Met Phe Asp Val Gly Gly Gln Arg Asp Glu Arg Lys
 20 25 30
 Lys Trp Ile Gln Cys Phe Asn Asp Val Thr Ala Ile Ile Phe Val Val
 35 40 45
 Ala Ser Ser Ser Tyr Asn Met Val Ile Arg Glu Asp Asn Gln
 50 55 60

<210> 113

<211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 113
 Arg Val Lys Thr Thr Gly Ile Val Glu Thr His Phe Thr Phe Lys Asp
 1 5 10 15
 Leu His Phe Lys Met Phe Asp Val Gly Gly Gln Arg Ser Glu Arg Lys
 20 25 30
 Lys Trp Ile His Cys Phe Glu Gly Val Thr Ala Ile Ile Phe Cys Val
 35 40 45
 Ala Leu Ser Ala Tyr Asp Leu Val Leu Ala Asp Glu Glu Met
 50 55 60

<210> 114
 <211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 114
 Arg Val Lys Thr Thr Gly Ile Val Glu Thr His Phe Thr Phe Lys Asp
 1 5 10 15
 Leu Tyr Phe Lys Met Phe Asp Val Gly Gly Gln Arg Ser Glu Arg Lys
 20 25 30
 Lys Trp Ile His Cys Phe Glu Gly Val Thr Ala Ile Ile Phe Cys Val
 35 40 45
 Ala Leu Ser Asp Tyr Asp Leu Val Leu Ala Glu Asp Glu Glu
 50 55 60

<210> 115
 <211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 115
 Arg Val Lys Thr Thr Gly Ile Val Glu Thr His Phe Thr Phe Lys Asn
 1 5 10 15
 Leu His Phe Arg Leu Phe Asp Val Gly Gly Gln Arg Ser Glu Arg Lys
 20 25 30
 Lys Trp Ile His Cys Phe Glu Asp Val Thr Ala Ile Ile Phe Cys Asn
 35 40 45
 Ala Leu Ser Gly Tyr Asp Gln Val Leu His Glu Asp Glu Thr
 50 55 60

<210> 116
 <211> 62
 <212> PRT
 <213> *Saccharomyces cerevisiae*

<400> 116

```

Arg Val Pro Thr Thr Gly Ile Ile Glu Tyr Pro Phe Asp Leu Glu Asn
 1           5           10           15
Ile Ile Phe Lys Met Val Asp Ala Gly Gly Gln Arg Ser Glu Arg Lys
          20           25           30
Lys Trp Ile His Cys Phe Glu Asn Val Thr Ser Ile Met Phe Leu Val
          35           40           45
Ala Leu Ser Glu Tyr Asp Gln Cys Leu Glu Glu Asn Asn Gln
    50           55           60

```

```

<210> 117
<211> 62
<212> PRT
<213> Saccharomyces cerevisiae

```

```

<400> 117
Arg Met Pro Thr Thr Gly Ile Asn Glu Tyr Cys Phe Ser Val Gln Lys
 1           5           10           15
Thr Asn Leu Lys Ile Val Asp Ala Gly Gly Gln Arg Ser Glu Arg Lys
          20           25           30
Lys Trp Ile His Cys Phe Glu Asn Ile Ile Ala Leu Ile Tyr Leu Ala
          35           40           45
Ser Leu Ser Glu Tyr Asp Gln Val Leu Val Glu Ser Asp Asn
    50           55           60

```

```

<210> 118
<211> 25
<212> DNA
<213> Saccharomyces cerevisiae

```

```

<400> 118
agcttctgcc tcacgcttaa gtagc                                     25

```

```

<210> 119
<211> 26
<212> DNA
<213> Saccharomyces cerevisiae

```

```

<400> 119
gttgctcttc ttttcactcg agtacc                                     26

```

```

<210> 120
<211> 10
<212> PRT
<213> Artificial Sequence

```

```

<220>
<223> FRAGMENT

```

```

<400> 120
Leu Leu Leu Leu Gly Ala Gly Glu Ser Gly
 1           5           10

```

<210> 121
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> FRAGMENT

<400> 121
Leu Leu Leu Leu Gly Ala Gly Glu
1 5

<210> 122
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> FRAGMENT

<400> 122
Gln Ala Arg Lys Leu Gly Ile Gln
1 5

<210> 123
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> FRAGMENT

<400> 123
Leu Ile His Glu Asp Ile Ala Lys Ala
1 5

<210> 124
<211> 5
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 124
Asp Val Gly Gly Gln
1 5

<210> 125
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> FRAGMENT

<400> 125
Ser Ser Gly Ala Gly Lys Arg
1 5

<210> 126
<211> 69
<212> DNA
<213> Artificial Sequence

<220>
<223> FRAGMENT

<400> 126
gacctacgct tctgagtcga accgtaacca acgtcgattt tggaccgggtt ggttacatga 60
ctagtaggc 69

<210> 127
<211> 9
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 127
Gly Ser Gly Glu Ser Gly Asp Ser Thr
1 5

<210> 128
<211> 5
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 128
Asp Val Gly Gly Gln
1 5

<210> 129
<211> 11
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 129
Tyr Ile Ile Lys Gly Val Phe Trp Asp Pro Ala
1 5 10

<210> 130
<211> 4
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 130
Glu Ala Glu Ala
1

<210> 131
<211> 62
<212> PRT
<213> *Saccharomyces cerevisiae*

<400> 131

Arg	Ile	Asp	Thr	Thr	Gly	Ile	Thr	Glu	Thr	Glu	Phe	Asn	Ile	Gly	Ser
1				5				10					15		
Ser	Lys	Phe	Lys	Val	Leu	Asp	Ala	Gly	Gly	Gln	Arg	Ser	Glu	Arg	Lys
			20					25					30		
Lys	Trp	Ile	His	Cys	Phe	Glu	Gly	Ile	Thr	Ala	Val	Leu	Phe	Val	Leu
		35					40					45			
Ala	Met	Ser	Glu	Tyr	Asp	Gln	Met	Leu	Phe	Glu	Asp	Glu	Arg		
	50					55					60				